

REMARKS

Claims 1-10 are pending in this application. By this Amendment, independent claim 1 and dependent claims 2-10 are amended. Additionally, the specification and abstract are amended.

I. Abstract

The Office Action objects to the abstract because the quantity of words in the abstract exceeds 150. The abstract has been amended to met the requirements of the Patent Office.

Withdrawal of the objection is respectfully requested.

II. Specification

The Office Action objects to the specification due to informalities. Specifically, the Office Action asserts that the language on page 5, line 18-19 is unclear. The phraseology has been amended in accordance with the Office Action (refer to the paragraph beginning on page 5, line 18, as amended).

Additionally, the language on page 12, line 8, has been amended accordingly (refer to the paragraph beginning on page 12, line 6, as amended).

The Office Action also asserts that Figure 2, Object Nos. 13 and 14 are not specified in the specification. The specification has been amended to clarify their identification (refer to the paragraph beginning on page 13, line 21, as amended).

Applicant submits that the requirements of the Patent Office have been met.

Withdrawal of the objections is respectfully requested.

III. Rejection Under 35 U.S.C. §102

Independent claim 1 and dependant claim 6 are rejected under 35 U.S.C. §102(b) as being anticipated by U.S. Patent 5,946,144 (hereinafter "Yamamoto"). We respectfully traverse these rejections.

The lens of Yamamoto is a zoom lens and the first lens group, G1, and the second lens group, G2, are movable with respect to the third lens group, G3 (refer to Yamamoto, column 2, lines 56-61). This is shown in TABLES as "Variable".

The lens of the present invention is a fixed-focus projection lens as described on page 2, lines 5-6, and the positions of the lenses are fixed. This type of lens is very different from that of Yamamoto. The fixed-focus projection lens substantially consists of six lenses.

As described in page 2, lines 3-9, it is an object of the present invention to solve the problems in the conventional projection lenses and to provide a fixed-focus projection lens of simple construction consisting of a small number of lenses, scarcely causing aberrations, and to provide an optical projector provided with such a fixed-focus projection lens.

On the other hand, the lens of Yamamoto includes 10 lenses shown in Fig. 1 and 8 lenses shown in Fig. 2.

The third lens group G3 in Yamamoto corresponds to the fifth lens (50) in the present invention in the sense that both the third lens group G3 and the fifth lens (50) are positioned in front of the image side of the both function to guide ray from the image side to the object side.

The third group G3 in Fig. 1 of Yamamoto is made of a Fresnel lens L10. On the other hand, the fifth lens (50), of the present invention, is a single lens having positive refracting power but not a Fresnel lens.

The lens of Yasui, or Endo, is also a zoom lens similar to that of Yamamoto.

IV. Rejection Under 35 U.S.C. §103

Dependent claims 2,3,7 and 8 are rejected under 35 U.S.C. §103(a) as being unpatentable over Yamamoto. We respectfully traverse this rejection.

Dependant claims 2-10 each depend, either directly or indirectly, from independent claim 1. For the reasons discussed above, claim 1 is in condition for allowance. Therefore, all claims dependant from claim 1 are also in condition for allowance.

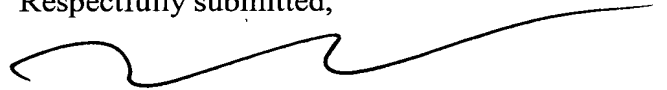
Reconsideration and withdrawal of this rejection is thus respectfully requested.

V. Conclusion

In view of the foregoing, it is respectfully submitted that this application is in condition for allowance. Favorable reconsideration and prompt allowance of claims 1-10 are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact the undersigned at the telephone number set forth below.

Respectfully submitted,



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Date: September 23, 2005

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